

- Load life of 5000 hours at 85°C
- High ripple current
- Computers communication powers, Hi-ripple circuit of electric vehicle, electric train, general purpose inverter

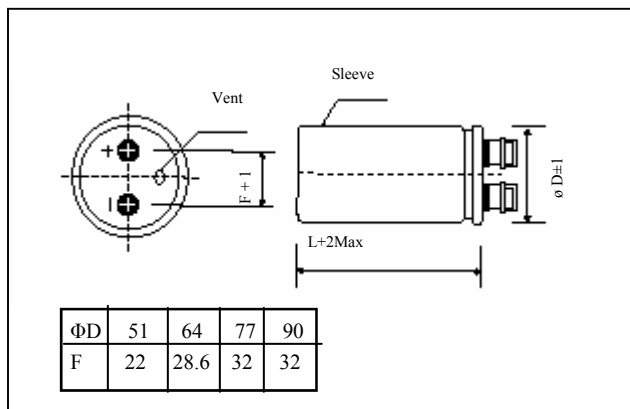


## ■ SPECIFICATIONS

Item	Characteristics								
Rated Voltage Range (V)	350~450								
Operating Temperature Range (°C)	-40~+85								
Capacitance Tolerance(25°C, 120Hz)	±20%								
Leakage Current(μ A)	0.01CV or 5mA, whichever is smaller, (at 25°C, after 5 minutes) where C: Nominal Capacitance (μ F), V: Rated Voltage (V)								
Dissipation Factor (25°C, 120Hz)	0.15								
Load Life (+85°C)	<table border="1"> <tr> <td>Time</td> <td>5000 hours</td> </tr> <tr> <td>Leakage current</td> <td>Not more than the specified value</td> </tr> <tr> <td>Capacitance change</td> <td>Within ±20% of the initial value</td> </tr> <tr> <td>Dissipation factor</td> <td>Not more than 200% of the specified value</td> </tr> </table>	Time	5000 hours	Leakage current	Not more than the specified value	Capacitance change	Within ±20% of the initial value	Dissipation factor	Not more than 200% of the specified value
	Time	5000 hours							
	Leakage current	Not more than the specified value							
	Capacitance change	Within ±20% of the initial value							
Dissipation factor	Not more than 200% of the specified value								
Shelf Life (+85°C)	<table border="1"> <tr> <td>Time</td> <td>1000 hours</td> </tr> <tr> <td>Leakage current</td> <td>Not more than the specified value</td> </tr> <tr> <td>Capacitance change</td> <td>Within ±20% of the initial value</td> </tr> <tr> <td>Dissipation factor</td> <td>Not more than 200% of the specified value</td> </tr> </table>	Time	1000 hours	Leakage current	Not more than the specified value	Capacitance change	Within ±20% of the initial value	Dissipation factor	Not more than 200% of the specified value
	Time	1000 hours							
	Leakage current	Not more than the specified value							
	Capacitance change	Within ±20% of the initial value							
Dissipation factor	Not more than 200% of the specified value								
*After test:(V) to be applied for 60 minutes, 24 to 48 hours before measurement.									

## ■ DIMENSIONS

mm



## ■ MULTIPLIER FOR RIPPLE CURRENT

### Frequency coefficient

Frequency (Hz)	50,60	120	300	1K	≥10K
Factor	0.7	1.0	1.10	1.30	1.40

### Temperature coefficient

Temperature (°C)	+40	+60	+85
Factor	1.89	1.67	1.00

## ■ STANDARD RATINGS

Rated Voltage (V.DC)	Surge Voltage (V.DC)	Rated Capacitance ( $\mu$ F)	Dissipation Factor MAX	Ripple Current 85°C 120Hz	Size $\Phi$ DxL (mm)
350	400	1200	0.15	5.5	51x83
		1500	0.15	6.1	51x83
		1800	0.15	7.4	51x96
		2200	0.15	8.2	51x96
		2700	0.15	10.2	51x130
		3300	0.15	11.3	51x130
		3900	0.15	12.8	64x115
		4700	0.15	14.8	64x130
		5600	0.15	16.3	71x115
		6800	0.15	18.8	77x130
		8200	0.15	22.1	77x155
		10000	0.15	25.9	90x157
		12000	0.15	28.4	90x157
		15000	0.15	34.6	90x196
		18000	0.15	41.4	90x236
		1000	0.15	5.0	51x83
		1200	0.15	5.5	51x83
		400	450	1500	0.15
1800	0.15			7.4	51x96
2200	0.15			9.2	51x130
2700	0.15			9.9	64x96
3300	0.15			11.8	64x115
3900	0.15			13.5	64x130
4700	0.15			14.9	77x115
5600	0.15			17.0	77x130
6800	0.15			20.2	77x155
8200	0.15			23.5	90x157
10000	0.15			25.9	90x157
12000	0.15			31.0	90x196
15000	0.15			37.5	90x236

■ STANDARD RATINGS

Rated Voltage (V.DC)	Surge Voltage (V.DC)	Rated Capacitance ( $\mu$ F)	Dissipation Factor MAX	Ripple Current 85°C 120Hz	Size $\Phi$ DxL (mm)
450	500	1000	0.15	5.0	51x83
		1200	0.15	6.0	51x96
		1500	0.15	7.2	51x115
		1800	0.15	8.3	51x130
		2200	0.15	9.0	64x96
		2700	0.15	10.7	61x15
		3300	0.15	12.4	64x130
		3900	0.15	13.6	77x115
		4700	0.15	15.6	77x130
		5600	0.15	18.3	77x155
		6800	0.15	21.4	90x157
		8200	0.15	23.5	90x157
		10000	0.15	28.3	90x196
12000	0.15	33.6	90x236		